

IAP5 Rec'd PCT/PTO 01 SEP 2006

Docket No.: 071971-0640

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **10/591457**

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| In re Application of | : | Customer Number: 20277 |
| Yukio ARIMA, et al. | : | Confirmation No.: Not Yet Assigned |
| Application No.: Not Yet Assigned | : | Group Art Unit: Not Yet Assigned |
| Filed: September 1, 2006 | : | Examiner: Not Yet Assigned |
| For: ACS CIRCUIT | : | |

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above identified application and readily available to the Examiner. Therefore it is believed that Applicants have met all requirements regarding duty of disclosure under 37

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.R./

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CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

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Since the Search Report was from the U.S. JPO or EPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner.

The relevance of JP 3258174 B2 and YAMAMOTO et al., is discussed in the present specification.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP


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SHEET 1 OF 1

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| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | ATTY. DOCKET NO. 071971-0640 | | SERIAL NO. Not Yet Assigned 1075914 | |
| | | APPLICANT Yukio ARIMA, et al. | | | |
| (PTO-1449) | | FILING DATE September 1, 2006 | | GROUP Not Yet Assigned | |
| U.S. PATENT DOCUMENTS | | | | | |
| EXAMINER'S INITIALS | CITE NO. | Document Number Number-Kind Code(s) (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| FOREIGN PATENT DOCUMENTS | | | | | |
| EXAMINER'S INITIALS | CITE NO. | Foreign Patent Document Country Code-Number - (Kind Codes (if known)) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Figures Appear |
| | | JP 3258174 B2 | 12-07-2001 | Sharp Corp. | |
| | | JP 10-233702 A | 09-02-1998 | Hitachi, Ltd. | |
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| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | |
| EXAMINER'S INITIALS | CITE NO. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | |
| | | Akira YAMAMOTO et al., "A 500MHz 50mW Viterbi Detector for DVD Systems Using Simplified ACS and New Path Memory Architecture," Symposium on VLSI Circuits Digest of Technical Papers, 13-15 June 2002, pp 256-259 | | | |
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| EXAMINER /Sam Rizk/ | | DATE CONSIDERED /S.R./ 04/12/2009 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.R./